

A B S T R A C T

A BREAKABLE COUPLING SYSTEM FOR THE FAN SHAFT OF A
TURBOJET

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The invention relates to a rotary shaft arrangement carrying equipment at one end and extending rearwards from the equipment, the shaft (1) being supported by a first bearing (2) behind the equipment, and by a second bearing (3) behind the first bearing (2), the first bearing (2) being carried by a casing (4) surrounding the shaft (1) and extending rearwards from the first bearing (2) to a stator structure (5) to which the casing (4) is fastened by screws (6) that extend parallel to the shaft (1) and that are fusible in traction, the arrangement being characterized by the fact that the second bearing (3) is disposed with radial clearance (J) in a bore (7) of an annular support (8) secured to the stator structure (5), and is fastened to said annular support (8) by screws (9) that are parallel to the shaft (1) and that are fusible in shear, whereby the second bearing (3) can bear against said support (8) in the event of said screws (9) rupturing. The invention relates more particularly to the support for the fan shaft of a turbojet.

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Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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